869 Order Status Inquiry

Functional Group ID=RS

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Inquiry Transaction Set (869) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request all pertinent information relative to an entire purchase order, selected line items on a purchase order, or selected products/services on a purchase order. Inquiry can also be made for all or a selected portion of the customer's ordered items, all or a selected portion of the customer's unshipped items, or all or a selected portion of the customer's shipped items.

Notes:

1. Organizations use this transaction set to inquire about the status of or request supply assistance for previously submitted requisitions.

2. Use a single occurrence of this transaction set to exchange single or multiple transactions between a single activity and a single supply source.

3.Users operating under the Defense Logistics Management System (DLMS) must reference the DLMS Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BSI	Beginning Segment for Order Status Inquiry	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
6	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
Not Used	030	DTM	Date/Time Reference	O	10		
8	050	LIN	Item Identification	O	>1		
12	060	PID	Product/Item Description	O	1000		
Not Used	070	MEA	Measurements	O	40		
14	080	QTY	Quantity	O	1		
Not Used	100	GF	Furnished Goods and Services	O	1		
			LOOP ID - REF			>1	

16	105	REF	Reference Identification	O	1		
Not Used	108	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
19	110	N1	Name	O	1		
Not Used	120	N2	Additional Name Information	O	2		
Not Used	130	N3	Address Information	O	2		
Not Used	140	N4	Geographic Location	O	1		
Not Used	150	REF	Reference Identification	O	12		
22	160	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			>1	
26	170	LM	Code Source Information	O	1		
27	180	LQ	Industry Code	M	>1		
			LOOP ID - FA1			>1	
29	190	FA1	Type of Financial Accounting Data	O	1		
31	200	FA2	Accounting Data	M	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
33	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. CTT01 is the number of HL segments.

Segment:	**ST** Transaction Set Header	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			869 Order Status Inquiry	
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BSI** Beginning Segment for Order Status Inquiry
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an order status inquiry and provide the type of customer status inquiry
Syntax Notes:	
Semantic Notes:	1 BSI01 is a status inquiry reference number.
	2 BSI02 is date of the inquiry.
	3 BSI06 is time of the inquiry.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSI01	127	**Reference Identification**	**M AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.

Must Use	BSI02	373	**Date**	**M DT 8/8**

Date expressed as CCYYMMDD

This date corresponds to the date of transaction set preparation expressed as the Universal Time Coordinate (UTC).

Must Use	BSI03	847	**Order/Item Code**	**M ID 1/2**

Code identifying a group of orders and items

    PO   Selected Orders - Unshipped Items

Use to indicate that the transaction set contains transactions that apply to open requisitions for which shipment status has not been received.

Not Used	BSI04	848	**Product/Date Code**	**O ID 1/2**

Code indicating whether the inquiry is based on products and/or date parameters

Not Used	BSI05	849	**Location Code**	**O ID 1/2**

Code indicating the selection of a supplier's and/or buyer's locations or group of locations

Must Use	BSI06	337	**Time**	**O TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths

(00-99)

1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

Must Use	**BSI07**	**353**	**Transaction Set Purpose Code**		**O**	**ID 2/2**

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Must Use	**BSI08**	**640**	**Transaction Type Code**		**O**	**ID 2/2**

Code specifying the type of transaction

AF	Requisition Follow-Up

An inquiry about a request for equipment or material

Use to identify status inquiries on previously submitted requisitions.

AR	Supply Assistance

An inquiry requesting extraordinary action to provide needed material based on operational conditions or requirements

Use to identify requests for supply assistance.

Not Used	**BSI09**	**306**	**Action Code**		**O**	**ID 1/2**

Code indicating type of action

Segment:	**HL** Hierarchical Level
Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	

Comments:		
	1	The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.
	2	HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4	HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: *1. The transaction set hierarchical data structure is address information followed by transaction specific information and, as required, substitute item loops.*

2. Use the first 2/HL/010 loop iteration to identify address information.

3. Use multiple 2/HL/010 transaction loops as needed for each 2/HL/010 address loop to identify individual transactions subject to inquiry or assistance and their associated data.

4. Use multiple 2/HL/010 substitute item loops in supply assistance transactions only as needed for each 2/HL/010 transaction loop to identify acceptable substitute items.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**HL01**	**628**	**Hierarchical ID Number**	**M AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	

In the first 2/HL/010 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.

	HL02	734	**Hierarchical Parent ID Number**	**O**	**AN 1/12**

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

1. Must use in every 2/HL/010 transaction loop iteration to identify the address loop with which the current loop is associated. Data element content is the sequential number assigned to the 2/HL/010 address loop iteration and serves as the cross-reference between transaction set level organization data and associated transactions.

2. Must use in every 2/HL/010 substitute item loop iteration to identify the transaction loop with which the current loop is associated. Data element content is the sequential number assigned to the 2/HL/010 transaction loop iteration and serves as the cross-reference between the transaction and acceptable substitute items.

Must Use	HL03	735	**Hierarchical Level Code**	**M**	**ID 1/2**

Code defining the characteristic of a level in a hierarchical structure

SB   Substitute

Use in every 2/HL/010 substitute item loop iteration for supply assistance transactions only.

V   Address Information

The HL loop will identify entities associated with the shipment notice transaction

Use in every 2/HL/010 address loop iteration.

W   Transaction Reference Number

The HL loop will identify shipment notice information for each reported transaction reference number

Use in every 2/HL/010 transaction loop iteration.

Not Used	HL04	736	**Hierarchical Child Code**	**O**	**ID 1/1**

Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment:	**LIN** Item Identification	
Position:	050	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify basic item identification data	
Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:		*1. Use in all 2/HL/010 transaction loop iterations in supply assistance requests to identify and provide amplifying information about the requisitioned material.*
		2. Use in all 2/HL/010 transaction loop iterations in requisition followups to identify the requisitioned material.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	**Assigned Identification**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	**Product/Service ID Qualifier**	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Use one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify the material as indicated in the most recent status transaction.	
		A1	Plant Equipment Number	
			Item identifier is a plant equipment number	

		Use to identify plant equipment.
	A2	Department of Defense Identification Code (DoDIC)
		Qualifies a code that uniquely identifies a type of explosive or ammunition
		Use to identify ammunition items.
	A4	Subsistence Identification Number
		Item identifier is a brand-name resale subsistence item
		Use to identify subsistence items.
	FB	Form Number
		Use to identify the form stock number.
	FS	National Stock Number
	FT	Federal Supply Classification
		Use to identify the FSC of the nonstandard material when a part number is not available and material can only be ordered by description (e.g., non-NSN lumber products).
	MG	Manufacturer's Part Number
		Use to identify nonstandard material.
	YP	Publication Number
		Use to identify the publication stock number.

Must Use **LIN03**   **234** **Product/Service ID**   **M   AN 1/48**

Identifying number for a product or service

LIN04   **235** **Product/Service ID Qualifier**   **X   ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use codes EM, F8, and W1, as needed, to indicate amplifying information associated with the requisitioned material.

2. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any selected order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.

	CN	Commodity Name
		Use with LIN02 code FT to identify the material name or description.
	EM	Equipment Identification Number
		Product identification number
		Use to identify the weapon system application associated with the requisitioned material.
	F8	Next Higher Used Assembly

			Item identifier describes the next higher assembly associated with the use of the required material		
			Use to identify the NHA associated with the requisitioned material.		
	W1		End Item Serial Number		
			The serial number assigned to the entire end-item assembly		
			Use to identify the serial number of the end-item associated with the requisitioned material.		
	ZB		Commercial and Government Entity (CAGE) Code		
			A code that identifies a commercial contractor authorized to do business with the U.S. government		
			Use with LIN02 code MG to uniquely identify a manufacturer's part number.		
	LIN05	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
	LIN06	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
	LIN07	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
	LIN08	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
	LIN09	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
	LIN10	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
	LIN11	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	LIN12	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	LIN16	235	**Product/Service ID Qualifier**	X	**ID 2/2**

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN25	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN27	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN29	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN31	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		

Segment:	**PID** Product/Item Description	
Position:	060	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1000	
Purpose:	To describe a product or process in coded or free-form format	

Syntax Notes:	**1**	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID04 is required.
	5	If PID09 is present, then PID05 is required.
Semantic Notes:	**1**	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.
Comments:	**1**	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:		*Use this 2/PID/060 segment to tell the transaction set recipient to identify the DODAAC of the original shipping activity or to identify the estimated ship date.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			X Semi-structured (Code and Text)		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3
			Code identifying the general class of a product or process characteristic		
Not Used	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Use the following codes to request the specified actions:		

> *1 - Provide the DODAAC of the original shipping activity*
> *2 - Provide the improved Estimated Shipping Date (ESD)*

Not Used **PID06** **752** **Surface/Layer/Position Code** **O** **ID 2/2**

Code indicating the product surface, layer or position that is being described

Not Used **PID07** **822** **Source Subqualifier** **O** **AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used **PID08** **1073** **Yes/No Condition or Response Code** **O** **ID 1/1**

Code indicating a Yes or No condition or response

Not Used **PID09** **819** **Language Code** **O** **ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**QTY** Quantity	
Position:	080	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity information	
Syntax Notes:	1	At least one of QTY02 or QTY04 is required.
	2	Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1	QTY04 is used when the quantity is non-numeric.
Comments:		
Notes:		

1. Use in the 2/HL/010 transaction loops to identify the quantity associated with the transaction.

2. Must use in all supply assistance requests.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**

Code specifying the type of quantity

    AB   Urgent Delivery Quantity

                Number of units delivered in urgent status

Use in supply assistance transactions to identify the quantity urgently required.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**QTY02**	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

Express as a whole number with no decimal.

	Ref. Des.	Data Element	Name	Attributes	
	QTY03	**C001**	**Composite Unit of Measure**	**O**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use to identify the unit of issue for the material requisitioned. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**C00102**	**1018**	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**C00103**	**649**	**Multiplier**	**O**	**R 1/10**

Value to be used as a multiplier to obtain a new value

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner

			in which a measurement has been taken		
Not Used	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	**Free-Form Message**	X	AN 1/30
			Free-form information		

Segment:	**REF** Reference Identification	
Position:	105	
Loop:	REF	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	*1. Use in all 2/HL/010 transaction loop iterations to identify the transaction number and suffix.*	
	2. Use in all 2/HL/010 substitute item loop iterations to identify and describe acceptable substitute items.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Use one of codes 1I, EQ, FQ, S6, XA, XB or XD to identify acceptable substitute material.

1I   Department of Defense Identification Code (DoDIC)

Qualifies a code that uniquely identifies a type of explosive or ammunition

Use in 2/HL/010 substitute item loops only to identify acceptable substitute ammunition items.

CU   Clear Text Clause

Use in 2/HL/010 substitute item loops to identify a free-form description of acceptable substitute nonstandard material when additional descriptive capability is required. Use with REF03 only.

EQ   Equipment Number

Use in 2/HL/010 substitute item loops to identify acceptable substitute plant equipment.

FQ   Form Number

Use in 2/HL/010 substitute item loops to identify the form stock number.

IX   Item Number

Use in 2/HL/010 substitute item loops to identify the applicable end item which applies to the

		nonstandard material. Use REF04-02 to identify the National Stock Number (NSN) and use REF03 to cite nomenclature.
	S6	Stock Number
		Use in 2/HL/010 substitute item loops to identify the publication stock number.
	TN	Transaction Reference Number
		Must use in 2/HL/010 transaction loops to identify the transaction number assigned to the transaction.
	XA	Substitute National Stock Number
		A national stock number that can take the place of another
		Use in 2/HL/010 substitute item loops only to identify the acceptable substitute NSN.
	XB	Substitute Manufacturer's Part Number
		A manufacturer's part number that can take the place of another
		Use in 2/HL/010 substitute item loops only to identify acceptable substitute nonstandard material.
	XD	Subsistence Identification Number
		Item identifier is a brand-name resale subsistence item
		Use in 2/HL/010 substitute item loops to identify acceptable substitute subsistence material.

	REF02	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	REF03	352	**Description**	X	AN 1/80

A free-form description to clarify the related data elements and their content

1. Use as needed in conjunction with code XB to identify the nonstandard material nomenclature.

2. Use as needed in conjunction with code CU to identify a free-form description of acceptable nonstandard material.

3. Use as needed in conjunction with code IX to identify the end item nomenclature.

	REF04	C040	**Reference Identifier**	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Must Use	C04001	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

			Use with REF01 code IX to identify the NSN of the end-item associated with the non-standard substitute item.		
		NS	National Stock Number		
			Use with REF01 code IX to identify the NSN of the end items associated with the non-standard substitute item.		
		W7	Commercial and Government Entity (CAGE) Code		
			Code that identifies a commercial contractor authorized to do business with the U.S. Government		
			Use with REF01 code XB to uniquely identify a manufacturer's part number.		
		W8	Suffix		
			Differentiates between partial actions taken on the original transaction		
			Use with REF01 code TN to identify a transaction number suffix when the original requisition has been split.		
Must Use	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
		MJ	Model Number		
			Use with REF01 code XB to identify the manufacturer's model number of the nonstandard material.		
	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	# N1 Name
Position:	110
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Must use this 2/N1/110 loop in the 2/HL/010 address loop to identify the organization originating and the organization to receive the transaction set.*
	2. Use this 2/N1/110 loop in the individual 2/HL/010 transaction loops to identify an additional status recipient or the MCA.
	3. Use this 2/N1/110 loop in 2/HL/010 substitute item loops to identify the potential source of supply and end item manufacturer.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

     OB   Ordered By

           Use to identify the requisitioning activity.

     Z1   Party to Receive Status

           An organization that will receive information about a transaction

           Use multiple iterations of the 2/N1/110 loop to identify additional status recipients when different from Service/Agency prescribed status recipients.

     Z3   Potential Source of Supply

           An organization that might stock the needed material

           Use in supply assistance requests as needed to identify potential alternative sources for the required material.

     Z5   Management Control Activity

           Department of Defense organization that oversees contractor requests for government-owned material

to be supplied for use in support of government contracts

Use for all Government Furnished Material (GFM) related transactions to identify the MCA associated with the GFM transaction.

Z8	Last Known Source of Supply	

The last organization known to hold a transaction for the needed material

Use to identify the supply source to receive the transaction set.

ZE	End Item Manufacturer	

Manufacturer of the end item associated with the required material

Use in supply assistance requests to identify the manufacturer of the end item (Make). When using, cite the actual name of the end item manufacturer in N102.

ZS	Monitoring Party	

Party to oversee and track the status of a requirement

Use to identify the International Logistics Control Office.

N102   **93**   **Name**   **X   AN 1/60**

Free-form name

Use with N101 code ZE. When using N102, do not use N103 and N104.

N103   **66**   **Identification Code Qualifier**   **X   ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
33	Commercial and Government Entity (CAGE)

Use when the organization is a contractor not assigned a DoDAAC.

A2	Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use to indicate the Security Assistance (SA) structured address data. Interpretation of this data may require additional codes cited elsewhere in the transaction.

M4	Department of Defense Routing Identifier Code

(RIC)

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

	N104	**67**	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

	N106	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

FR   Message From

Must use with the appropriate 2/N101/110 code to indicate the organization cited in N104 is originating the transaction set.

TO   Message To

Must use with the appropriate 2/N101/110 code to indicate that the organization cited in N104 is receiving the transaction set.

Segment:	**PER** Administrative Communications Contact	
Position:	160	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.	
	2 If either PER05 or PER06 is present, then the other is required.	
	3 If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use only in supply assistance transactions.*	
	2. Use in the 2/HL/010 organization loop with N106 code FR to identify a point of contact with the organization originating the transaction set.	
	3. Use in 2/HL/010 substitute item loops to identify a potential source of supply.	
	4. Use multiple repetitions to identify a point of contact (POC) and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			1. Use code IC as needed, in the 2/N1/110 Message From (FR) loop.	
			2. Use code SU in the 2/N1/110 Potential Source of Supply (Z3) loop.	
			IC Information Contact	
			Must use in the first repetition to identify the primary POC and their communication number.	
			SU Supplier Contact	
Must Use	PER02	93	**Name**	O AN 1/60
			Free-form name	
			Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.	
	PER03	365	**Communication Number Qualifier**	X ID 2/2
			Code identifying the type of communication number	

1. Use to identify the preferred method of communication in the first repetition. Use PER05/6 and PER07/8 to identify additional communication numbers. Use additional repetitions of the PER segment to identify more than 3 numbers.

2. Do not include blank spaces, dashes, or parentheses between numbers.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
	Use to identify the DSN telephone number.
EM	Electronic Mail
FX	Facsimile
	Use to identify the facsimile (FAX) telephone number.
IT	International Telephone
	Include country and city code.
TE	Telephone
	Use to identify the commercial telephone. Include the area code, number and extension, if applicable.
TL	Telex
TX	TWX

PER04   364   Communication Number   X   AN 1/80

Complete communications number including country or area code when applicable

PER05   365   Communication Number Qualifier   X   ID 2/2

Code identifying the type of communication number

1. Use to identify an alternate, or secondary, communication number which can be used to contact the specified POC.

2. Do not include blank spaces, dashes, or parentheses between numbers.

3. Use to identify the FTS telephone number.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
	Use to identify the DSN telephone number.
EM	Electronic Mail
EX	Telephone Extension
	Use immediately following code AU, IT, or TE to identify the telephone extension.
FX	Facsimile

		Use to identify the facsimile (FAX) telephone number.
	IT	International Telephone
		Include country and city code.
	TE	Telephone
		Use to identify the commercial telephone. Include the area code, number and extension, if applicable.
	TL	Telex
	TX	TWX

PER06   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

PER07   **365**   **Communication Number Qualifier**   **X**   **ID 2/2**

Code identifying the type of communication number

1. Use to identify an alternate, or secondary, communication number which can be used to contact the specified POC.

2. Do not include blank spaces, dashes, or parentheses between numbers.

	AU	Defense Switched Network
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		Use to identify the DSN telephone number.
	EM	Electronic Mail
	EX	Telephone Extension
		Use immediately following code AU, IT, or TE to identify the telephone extension.
	FX	Facsimile
		Use to identify the facsimile (FAX) telephone number.
	IT	International Telephone
		Include country and city code.
	TE	Telephone
		Use to identify the commercial telephone. Include the area code, number and extension, if applicable.
	TL	Telex
	TX	TWX

PER08   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

PER09   **443**   **Contact Inquiry Reference**   **O**   **AN 1/20**

Additional reference number or description to clarify a contact number

Use only in the 2/HL/010 organization loop with N106 code FR to indicate the office symbol or activity code for the identified party.

Segment:	**LM** Code Source Information	
Position:	170	
Loop:	LM	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	LM02 identifies the applicable industry code list source information.
Notes:	*1. Use the 2/LM/170 loop in supply assistance transactions only in 2/HL/010 address loop to identify information related to the operational necessity for obtaining the required material.*	
	2. Must use the 2/LM/170 loop in 2/HL/010 transaction loops to identify DoD unique data.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** **Industry Code**
Position:	180
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LQ01**	**1270**	**Code List Qualifier Code**	**O ID 1/3**

Code identifying a specific industry code list

Use code JN only in 2/HL/010 address loops. Use all other only in 2/HL/010 transaction loops.

    0   Document Identification Code

        Codes that subclassify a transaction

    A9   Supplemental Data

        Identifies the originating organization's unique logistics information

    AK   Distribution Code

        Code identifying activities eligible to receive additional status

    COG   Cognizance Symbol

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

    DE   Signal Code

    DF   Media and Status Code

    IMC   Item Management Code

Use to identify the Item Management Code (IMC) for integrated material management. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

	JN	Mission Impact Statement Code

Use in 2/HL/010 address loops to identify the mission degradation created by the absence of the required material.

	MCC	Material Control Code

Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

	SMI	Special Material Identification Code

Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

Must Use   **LQ02**   **1271**   **Industry Code**   X   AN 1/30

Code indicating a code from a specific industry code list

Segment:	**FA1** Type of Financial Accounting Data		
Position:	190		
Loop:	FA1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation		
Syntax Notes:			
Semantic Notes:	**1**	FA101 Identifies the organization controlling the assignment of financial accounting information.	
	2	FA102 Identifies the purpose of the accounting allowance or charge information.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA101	559	**Agency Qualifier Code**	M ID 2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)	

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.

DN	Department of the Navy

Includes the United States Marine Corps.

DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O ID 4/4

Code identifying the service, promotion, allowance, or charge

A170	Adjustments

Use only for adjustments not specified by any other code.

A520	Base Charge

Use for material charges only.

C930	Export Shipping Charge
D340	Goods and Services Charge

Use for both material and related services.

F060	Other Accessorial Service Charge
F560	Premium Transportation
I260	Transportation Direct Billing

			Use for non-premium transportation.		
	R060		Packing, Crating, and Handling Charge		

Not Used **FA103** **248** **Allowance or Charge Indicator** **O** **ID 1/1**

Code which indicates an allowance or charge for the service specified

Segment: **FA2** **Accounting Data**
Position: 200
Loop: FA1   Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this 2/FA2/200 segment to identify the various components of the line of accounting.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA201	1196	**Breakdown Structure Detail Code**	M ID 2/2

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation

Coding to track the source of funds (such as various government agencies)

Use to indicate the basic appropriation number.

A1	Department Indicator
A2	Transfer from Department
A3	Fiscal Year Indicator
A4	Basic Symbol Number
A5	Sub-class
A6	Sub-Account Symbol
B1	Budget Activity Number
B2	Budget Sub-activity Number
B5	Fund Code
BL	Billings

Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.

C1	Program Element
C2	Project Task or Budget Subline
C3	Budget Restriction
D1	Defense Agency Allocation Recipient
D2	Defense Agency Sub-allocation Recipient
D3	Component Allocation Recipient
D4	Component Sub-allocation Recipient
D5	Allotment Recipient

D6	Sub-allotment Recipient
D7	Work Center Recipient
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code
E3	Customer Indicator
F1	Object Class
F2	Object Sub-class
F3	Government or Public Sector Identifier
F4	Country Code
G1	Program or Planning Code
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code
H2	Labor Type Code
H3	Cost Allocation Code
H4	Classification Code
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1	Document or Record Reference Number
L1	Accounting Installation Number

> *Use to indicate the Authorization Accounting Authority (AAA)/Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).*

N1	Transaction Type
P1	Disbursing Station Number
P2	International Balance of Payments (IBOP) Code
P3	Voucher Number
ZZ	Mutually Defined

> *Cite supplemental accounting classification data.*

Must Use **FA202** **1195** **Financial Information Code** **M   AN 1/80**

Code representing financial accounting information

Segment:	**SE** **Transaction Set Trailer**	
Position:	020	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	